

HIV/AIDS Surveillance Quarterly Report

Hawai'i Department of Health

Cases to September 30, 2002

AIDS Data: From 1983 to September 30, 2002, 2,676 AIDS cases have been reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health (DOH). Forty four percent of reported AIDS cases (1,168) are known to be living. A total of 162 new cases were reported during the one-year period (October 1, 2001 to September 30, 2002). Of these 162 cases, 145 (90%) cases were male and 17 (10%) were female. These new cases were diagnosed in the counties of Honolulu (77, 48%), Hawaii (41, 25%), Maui (29, 18%), and Kauai (15, 9%). This report describes AIDS demographic data by year (page 2), by county (page 3), and by race/ethnicity (page 4). This quarterly report and additional AIDS data are available at the website (http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/) and from the HIV/AIDS Surveillance Program, 3627 Kialuea Avenue, Suite 306, Honolulu, HI 96816, Tel: (808) 733-9010, Fax: (808) 733-9015.

HIV data: Since September 2001, there have been 426 HIV (non-AIDS) cases reported to the HIV/AIDS Surveillance Program, DOH. Due to reporting delay, HIV reporting is not complete at this time. Therefore, HIV data analysis for demographic or other information is not yet available.

Hawaii HIV Case Surveillance Impacts AIDS Case Reporting

The number of AIDS cases reported has increased to 129 in 2001 compared to 109 in 2000 and 103 in 1999. Figure 1 shows the number of *diagnosed* and *reported* AIDS cases by year from 1999 to 2001. The number of newly *diagnosed* AIDS cases has decreased from 1999 to 2001, but the number of *reported* AIDS cases has increased for the same period. The increase in AIDS reporting during 2001 is partly due to the implementation of HIV (non-AIDS) reporting in Hawaii by a coded identifier known as the Unnamed Test Code (UTC), which started from August 2001. At that time, providers reviewed their HIV positive records and reported (passive surveillance) some unreported AIDS cases along with HIV cases. In addition, the surveillance staff gave support (active surveillance) to providers in hospitals, clinics, and physicians' offices on the use of the UTC and the new HIV reporting form. While providing this support from September to December 2001, the surveillance staff were able to collect data on 85 previously unreported AIDS cases. As a result, the total number of AIDS cases for 2001 has increased to 129. These 85 cases were diagnosed between 1987 and 2001. Table 1 shows the distribution of these cases by year of diagnosis.

The number of AIDS cases reported in 2001 does not reflect a new AIDS epidemic; instead, it reflects unreported cases from the previous years. Again, the increase was due to both passive and active surveillances in the implementation of HIV reporting. The number of newly reported AIDS cases is expected to return to previous levels.

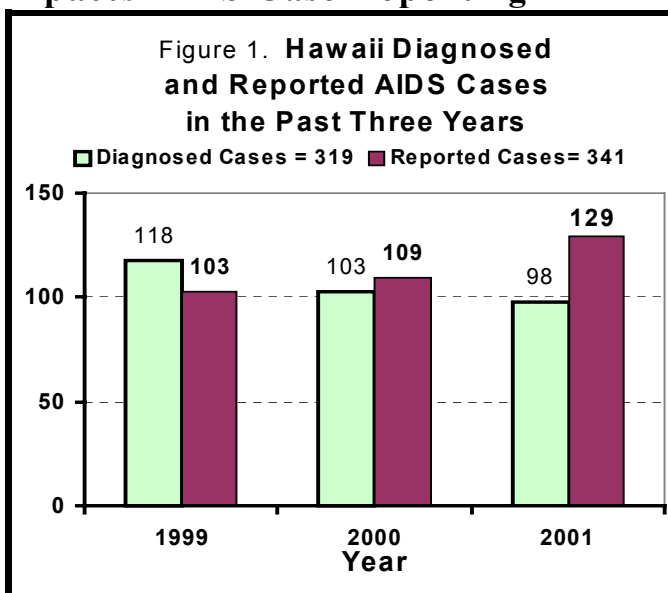


Table 1. **The Year of Diagnosis of Previously Unreported 85 AIDS Cases**

Year	No.	%
Before 1997	24	28
1997 to 2001	23	27
2001	38	45
Total	85	100

HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
Website address: http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/

Hawaii AIDS Cases by Year

Reported through September 30, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	129	93	2,676
Rate per 100,000 Population ¹	N/A	8.2	13.8	8.7	9.0	10.5	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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S E X	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	114	(88)	83	(89)	2,491	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	10	(11)	185	(7)

A G E	<13	14	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	16	(1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	5	(5)	330	(12)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	55	(43)	39	(42)	1,173	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	38	(29)	33	(35)	821	(31)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(19)	16	(17)	328	(12)

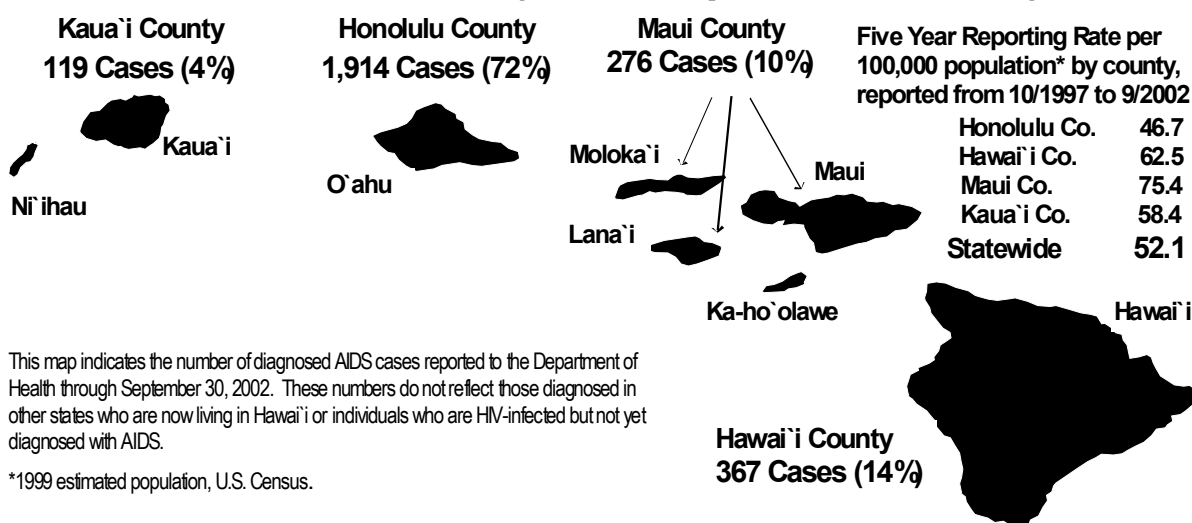
R A C E	Caucasian	1,288	(65)	47	(48)	98	(60)	64	(62)	61	(56)	81	(63)	52	(56)	1,691	(63)
	Asian/Pacific Islander	508	(26)	42	(43)	41	(25)	27	(26)	39	(36)	35	(27)	31	(33)	723	(27)
	African-American	81	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	5	(5)	112	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	5	(5)	138	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	12	(<1)

R I S K	Male to Male Sex	1,543	(78)	67	(68)	116	(71)	71	(69)	69	(63)	86	(67)	58	(62)	2,010	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	10	(8)	10	(11)	193	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	6	(4)	8	(8)	4	(4)	2	(2)	3	(3)	176	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	6	(5)	3	(3)	93	(3)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	2	(2)	47	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	4*	(4)	28	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	20	(1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	20	(16)	13	(14)	96*	(4)

¹ Each year's estimated population from the State of Hawaii Data Book 1999, <http://www.hawaii.gov/dbedt/db99/index.html>; and US Census, <http://www.census.gov/population/cen2000>. * These AIDS cases are under the investigation for risk information.

County Report

Cumulative Cases (1983 – September 30, 2002)



Cumulative Hawai'i AIDS cases reported 1983 to September 30, 2002 2,676 Known Deaths 1,508 (56%)

AIDS Cases by County: Five-year (October 1997 - September 2002) and Cumulative Total (1983 – September 2002)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co.		Statewide	
		5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total
		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
S E X	Male	366 (91)	1,792 (94)	72 (81)	327 (89)	84 (91)	261 (95)	30 (91)	111 (93)	552 (89)	2,491 (93)
	Female	38 (9)	122 (6)	17 (19)	40 (11)	8 (9)	15 (5)	3 (9)	8 (7)	66 (11)	185 (7)

R I S K	Male to Male Sex	268 (66)	1,458 (81)	49 (55)	245 (67)	72 (78)	215 (78)	23 (70)	92 (77)	412 (67)	2,010 (75)
	Injection Drug Use	35 (9)	130 (7)	11 (12)	40 (11)	6 (7)	14 (5)	4 (12)	9 (8)	56 (9)	193 (7)
	Male/Male Sex & IDU	20 (5)	120 (7)	4 (4)	29 (8)	1 (1)	23 (8)	1 (3)	4 (3)	26 (4)	176 (7)
	Heterosexual Contact	29 (7)	91 (5)	12 (13)	30 (8)	5 (5)	12 (4)	1 (3)	7 (6)	47 (8)	140 (5)
	Transfusion	5 (1)	21 (1)	2 (2)	3 (1)	2 (2)	2 (1)	0 (0)	2 (2)	9 (1)	28 (1)
	Perinatal	2 (<1)	11 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	13 (0)
	Hemophiliac	2 (<1)	14 (1)	0 (0)	4 (1)	0 (0)	2 (1)	0 (0)	0 (0)	2 (0)	20 (1)
	Undetermined	43 (11)	69 (4)	11 (12)	14 (4)	6 (7)	8 (3)	4 (12)	5 (4)	64 (10)	96 (4)
Total Cases		404 (100)	1,914 (100)	89 (100)	367 (100)	92 (100)	276 (100)	33 (100)	119 (100)	618 (100)	2,676 (100)

October 1997—September 30, 2002 N (%)	404 (65)	89 (14)	92 (15)	33 (5)	618 (100)
Cumulative cases and (%)	1,914 (72)	367 (14)	276 (10)	119 (4)	2,676 (100)
Population 2000 and (%)	876,156 (72)	148,677 (12)	128,241 (11)	58,463 (5)	1,211,537 (100)

AIDS Cases by Race/Ethnicity

Five - Year (October 1997 – September 2002)

Race/Ethnicity	Caucasian		African American		Hispanic		American Indian		Hawaiian/ Pt. Haw.		Filipino		Chinese		Japanese		Other A/PI		Total Cases	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
5 Year Cases (%)	365	(59)	28	(5)	37	(6)	4	(<1)	77	(12)	41	(7)	9	(1)	25	(4)	32	(5)	618	(100)
Cumulative Cases (%)	1,690	(63)	113	(4)	138	(5)	12	(<1)	289	(11)	141	(5)	56	(2)	118	(4)	119	(4)	2,676	(100)

SEX	Male	336	(92)	23	(82)	33	(89)	4	(100)	67	(87)	33	(80)	8	(89)	23	(92)	26	(81)	552	(89)
	Female	29	(8)	5	(18)	4	(11)	0	(0)	10	(13)	8	(20)	1	(11)	2	(8)	6	(19)	66	(11)

RISK	Male to Male Sex	258	(71)	11	(39)	24	(65)	3	(75)	50	(65)	25	(61)	6	(67)	18	(72)	17	(53)	412	(67)
	Injection Drug Use	31	(8)	8	(29)	5	(14)	0	(0)	5	(6)	2	(5)	1	(11)	1	(4)	3	(9)	56	(9)
	Male/Male Sex & IDU	17	(5)	1	(4)	1	(3)	1	(25)	3	(4)	1	(2)	0	(0)	2	(8)	0	(0)	26	(4)
	Female Heterosexual	10	(3)	1	(4)	2	(5)	0	(0)	6	(8)	5	(12)	1	(11)	1	(4)	2	(6)	28	(5)
	Male Heterosexual	6	(2)	2	(7)	2	(5)	0	(0)	3	(4)	1	(2)	1	(11)	1	(4)	3	(9)	19	(3)
	Transfusion	5	(1)	0	(0)	0	(0)	0	(0)	2	(3)	1	(2)	0	(0)	0	(0)	1	(3)	9	(1)
	Perinatal	1	(<1)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
	Hemophiliac	2	(1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
	Undetermined	35	(10)	5	(18)	3	(8)	0	(0)	7	(9)	6	(15)	0	(0)	2	(8)	6	(19)	64	(10)
5 Year Total cases		365	(100)	28	(100)	37	(100)	4	(100)	77	(100)	41	(100)	9	(100)	25	(100)	32	(100)	618	(100)
5 year average reporting rate per 100,000 ¹		15.3		16.8		8.4		N/A		11.1		4.9		2.6		2.0		10.4		10.2	

¹2000 estimated U.S. Census figures were used to calculate race-specific reporting rates for Caucasians, Afri-American, Hispanic, and state total. 1990 US census figures were used to calculate the rest of the race/ethnic groups for this five year period (10/1/1997 to 9/30/2002).

Reporting Requirement. AIDS case reporting is required by Hawaii's Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 Cells/ μ L and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.

Questions regarding AIDS and HIV reporting forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010 (Tel), (808) 733-9015 (fax) or pbortha@java.net (e-mail).